

MILLCREEK CLIMATE AND GEOGRAPHIC DESIGN CRITERIA													
Ground Snow Load	WIND DESIGN				SEIEMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMPERATURE	Climate Zone
	Speed (mph)	Topographic Effects	Special Wind Region	Windborne Debris Zone		Weathering	Frost Line Depth	Termite					
28 lb./ft2 at 4239 Feet (1)	115, Exposure Category B	No	No	No	D2 (2)	Severe	30 Inches	Slight	Yes	Yes (3)	551	53.6 Degrees Fahrenheit	5B

MANUAL J DESIGN CRITERIA ( Degrees Fahrenheit)

Elevation	Altitude Correction Factor	Coincident Wet Bulb	Indoor Winter Design Dry-Bulb Temperature		Outdoor Winter Design Dry-Bulb Temperature	Heating Temperature Difference
4226 Feet	0.88	62	70		14	56
Latitude	Daily Range	Indoor Summer Design Relative Humidity	Summer Design Gains	Indoor Summer Design Dry-Bulb Temperature	Outdoor Summer Design Dry-Bulb Temperature	Cooling Temperature Difference
41 Degrees	H	50%	-28	75	95	20

1) This load applies at and below the cited elevation, with a tolerance of 100 ft. For other elevations in Millcreek , see Bean, B., Maguire, M., Sun, Y. (2018), "The Utah Snow Load Study," Utah State University Civil and Environmental Engineering Faculty Publications, Paper 3589, for ground snow load values.

[Utah Ground Snow Load Map](#)

2) Please see the Millcreek Map Gallery for faults/fault study areas, liquefaction areas, and geologic features.

[Millcreek Map Gallery](#)

3) Please see the Millcreek Map Gallery for special flood hazard areas.

[Millcreek Map Gallery](#)

Acceptance into the National Flood Insurance Program (NFIP) - February 16, 2018

Flood Damage Prevention Ordinance - Adopted July 10, 2017 - Amended November 8, 2021

Dates of Flood Insurance Study - November 19, 2021

Panel numbers of the currently effective Flood Insurance Rate Map (FIRM) (November 19, 2021) - 49035C0308H, 49035C0317H, 49035C0316H, 49035C0304H

Community Number: 490231